ROYAL

COMPOSITIONS

NAME _____

_____

VERNON ROYAL LINE

10075 - 11601 Grenadines & St. Lucia

CLASS PROGRAM

NAME _____ ADDRESS _____

SCHOOL _____ CLASS _____

		PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	PERIOD 6	PERIOD 7	PERIOD 8
TIME	FROM								
	TO...								
MONDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
TUESDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
WEDNESDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
THURSDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
FRIDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
SATURDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								

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Union Island – The Grenadines 3/20/55

10975 ✓ Comocladia dodonaea (L) Urb. 4
dominant shrub on pinnacle rock near Adstor –
plant to 10' – fl red

10976 ✓ Caesalpinia coriaria (Jacq) Willd. –
Algarrobo div-div
tree of flat lands to 20' – fruit brown, used as
tanning material extracted & exported

10977 ✓ Lonchocarpus benthamianus Pittier 4
tree of lower slopes, to 15' – fr only

10978 ✓ Abutilon crispum (L) Medic. 4
herb with trailing, creeping branches, fl light yellow –
fr green & brown – grass bank of lower slopes

10979 ✓ Polypodium polypodioides (L) Watts. 6
on rocks near crest of pinnacle

10980 ✓ Cordia alliodora Willd. 6
common tree of lower area, remote limb, petals white
tree to 20'

Union Island - The Grenadines 3/20/50

10981 ✗ Ficus laevigata Vahl. 6
tree growing - fr. 25' - fr. white turning red.

10982 ✗ Epidendrum ciliare L.
stalk fr. mend - all over crust of pericle

10983 ✗ ~~Desmoblepharis~~ canum (Bmd) Schrig & Thellk.
fr. plant, frond or crust of pericle - probably carried by goats

10984 Pitcairnia latifolia Ait. 1
on rocks of Pericle - most plants eaten by goat - on plant in flower - fl red.

685 ✓ Callisia repens L. Commelina
4 prostrate herb - fleshy, fl white - on pericle

10986 ✗ Cochortus hirtus L. 6 Til.
low herb, fl yellow, fr green

10987 ✗ Wedelia periplocifolia (L) Rich. 4
herb, fl yellow - fr soft, wriggling rapidly

10988 Cassytha corniculata Jacq.
2 shrub on lowlands & halfway up hill - stem t 1/8'

Chatham Bay & Ridge of Union Island 3/21/50

10989 x Sida maculata Cav. (Abutilon Cale & Hisp.) 4 Malv.
woodish but t 1½' fls orange - red-brown at center

10990 x Trianthema portulacastrum L. 5
prostrate running herb, fls pink -

10991 x Guettarda parviflora Vahl. 5 Rub?
woodish shrub, hairy stems, fls terminal,
stem t 15'

10992 Justicia sessilis Jacq. Acanth
herb - fls, herb of mangrove among coasts

10993 x Sophora tomentosa L. Legum
shrub in woods but t 4' - fr only

10994 x Abildgaardia monostachya (L) Vahl.
5 ridge of hill in grassy antenna

William Bay + W range
Union Island - Th Brandham 3/21/50

10995 × Hibiscus tiliaceus L. 6
shrub of swamp flats, nearly to 10" dia
but prostrate, fl. lemon yellow turning orange
in age.

10996 × Casearia decandra Jacq. 6 Hancock
shrub to 4' - fl white, stamens present -
berry said to be edible

10997 × Fimbristylis ferruginea (L) Vahl. Sedge
6 sandy beach near shore - coast plant

10998 × Erithalis fruticosa L. 3
shrub or cust - to 12' - fl white

699 ✓ Diplanthera Wrightii Asches.
8 grass like plant in ocean

11000 × Erithalis fruticosa L. 6
shrub or cust of ridge to 12' - fl white
fr blue-black - shrunken + lighter color
than 698
- associated with Myrcia + Eugenia!

11001 * Cakile lanceolata (Willd.) O.C. Schulz. 1
see side short, fls white

11002 * Fimbristylis annua (All.) R. & S. Sedge
4 fine fresh in wet depression on hillside

11003 * Pedilanthus tithymaloides Poit. 2
on rock cliffs - fl. red

11004 * Passiflora laurifolia L. "bell apple" 3
vine on crest of ridge - fl. blue-purple & white

11005 * Pectis linifolia L.
5 fl. yellow, bracts red-brown, but on rocky hillside

11006 * Dryopteris concolor (L.F.) Kuhn. 1 Fern
on rock cliffs

11007 * Pithecellobium unguis-cati (L.) Willd. 5
tree 8-12' sparsely on fl. white, fragrant, and white, red-brown - common

Union Co – The Brundins
Cutthroat Bay & SW Ridge 3/21/80

11008 ✓ Wedelia Jacquinii Rich.
✓ shrub of rock fces – fl yellow – t 3'

11009 ✓ Buettneria scabra (L) Lem. 2
shrub – plant t. 14' – hillcrest

11010 ✓ Talinum paniculatum (Jacq.) Gaertn. 4
fl pink, fleshy heat of rock pile – rare

11011 ✓ Phlebodium (Polypodium) aureum (L) J. Sm. 5
on rock outcrops & cliff face

11012 ✓ Cucumis Anguria L. 4 Cucurb
wooly cucumber – weed all over – also common
fl yellow – fr green turning yellow

11013 ✓ ~~Lippia~~ Phyla nodiflora HBK 5
recent bed of ridge tops fl white, bracts purple

11014 ✓ Cardiospermum corindum L. 6
vine – fr green yellow tinge with wooly fl
white

11015 x Pilea microphylla (L) Liebm. 2
rocky hillside

11016 x Tillandsia flexuosa Sw. 1
epiphyte, in trees

11017 x Melastomum speciosum (L) Gray 3 Mel.
moist in pastures at Allen Bay area, ft 3'
fl. yellow orange

11018 x Jacquemontia pentanthra (Jacq.) G. Don 5
vine in field on hillside, fl. blue

Prunus Island off Ground, The Bernadines 3/22/57

11019 X Calonyction Tuba (Schlecht.) Colla 2

reprint, vine in bent area, fl. white, stem & fleshy

11020 X Lycium Tweedianum (Gmelin) var. Chysocarpum (Ulb-Ekm) Hitchc. 4

shrub on dune sand, fruit orange, berries,

fr red, fl. white — specimen reports Mona, Bahama, Hispaniola, Cuba

11021 X Exogonium solanifolium (L) Britton (E. filiformis Choisy) 6

fl red, tubular, corolla vine in shrub area

Thalassia testudinum Konig + Sims

Green Island near Unalaska

A group of 5 low rock piles joined with one island by a sand bar. Vegetation most uniform in species & aspect.

Sand flats formerly rented out by owner for growing sweet potatoes now marked off in square. Now grass but in salt grass with occasional grey shoots of Cerastium.

Flat land on E. side of this was once marsh covering now almost a salt grass being formed from fore government. eventually totally controlled & quartered.

Extreme Western flat is still planted in cotton but hills slope are planted in cotton are now abandoned & growing up in Lupatorum (with Taraxacum). Past from old stumps and brit not dug up & part sudding. Extremely dense growth.

5 hills - 2 together on W. other 3 scattered & the 3 would blow -

principal hills - Bromus, Cypsis (rather) Arenaria, Lupatorum, Plumeria, Bromus, Ranunculus, Jatropha urens, Lactuca scariola, Tragopogon porrifolius, Rorippa Cypsis Commelina
Hill. Stellaria & Red flowered nasturtium.

Wonderful 3 hills - strong wind & effects on vegetation -

exposed surface plants - Bouvardia, Pectis, Portulaca oleracea
Euphorbia, Cactus Bonduranji, Agave

wind blown plants - Jaquinia, Tabebuia, Eustachia,
Conocarpus, Cypanis, Croton

Rest of hills - Cenna, Bouvardia, Bonelia, Lycium

Blot land - sand plants

Euphorbia buxifolia	Coccoloba uvifera	Rhizophora
Restrebilis	Tournefortia gnaphalodes	Solanum
Flashy Wedelia	Sesuvium portulacastrum	Conocarpus
fan Eustachia	Pseudophoenix sargentii	Croton
Bouvardia	Cascata	Bouvardia
Hyppomane		

Note - Bouvardia dominant in natural areas
Lycium dominant in recovering disturbed areas
Eustachia poorly established
Colubrina very poorly established
some forest beach vine except for based on Colubrina

Very dry & sand - short rainfall - no overall life

11022 * Tillandsia utriculata L. 1

11023 * Phoradendron tenuissimum Griseb 5

11024 Cocoloba ~~pseudo~~ coronata Jacq
3

11025 * Echinochloa colonum (L) Link
5

11026 x Paspalum arundinaceum Poir.
2

11027 * Mourisonia americana L. 6

11028 * Panicum maximum Jacq.
3

11029 Cordia Collococca L.
×

11030 ×* Crotalaria lotifolia L.

11031 × Diospyros encostana (Jacq.) Burit ?

11032 × Ruellia tuberosa L.
4

11033 × Cassia glandulosa L. var. Swartzii (Wichstr.) Mart. 4

11034 × Cassia glandulosa L. var. Swartzii (Wichstr.) Mart. 5

11035 3 Desmanthus virgatus (L) Willd.

Tobago Cays off Mayaro Island

A group of 4 rock formations close together, place one sandy bay to the east. Channels between islands & in formation narrow & tortuous for the islands are surrounded with a outcrop of coral reef - some covered with a few feet of water, others partially exposed and a few forming sand bars which build up & disappear in successive seasons. 4 of the 5 were visited - the 5th the sandy bar island possessing a single cocoanut tree & a mixture of C. serifera & Hippomane.

The middle island, the largest is lower in shape with a single valley - the coast has a slight sand beach - Hippomane & Coccoloba form thickets on the beach. Where the beach is narrow & there a small stand of Rhizophora has developed & has been cut on its inner margin. The windward slope has Bourreria & Cactus Pendens exposed & still spreading along the coast. Where developed slowly with Pentaea, Cassia, (2 sp). Beyond the region windward plant of Coccoloba (uvifera & Coronata sp), Randia, Tabebuia, Pithecellobium, Mayaro, develop in depth with more or less a single plant formation, increasing from the prevailing wind giving a rose or

arile appearance. In the shelter of these plants such shrubs as Jeguirica, Matay, Caesalpinia, Ficus + Cereus develop normally. Underbrush of Jatropha curcas, Croton, Cordia caffra develop normally. Many shrubs are overgrown with the blue flowered Convolvulus. The crest of the ridge is more open + pasture lands with Cereus, Croton + Jatropha dominating.

On the flat slope some trees of Bursera occurred. Lonchocarpus is rising, Cryptocarpa, Cordia (fragile wood) + Coccoloba develop + tumulus. Part of the slope are dominated by Jatropha. The area except the crest contains alternate pasture + forest.

Island No 2, the western island of the 4 grouped together has several areas of arable land which have been cultivated in recent yrs. A small flat exists between the two small ridges of rock. Coconut trees have been planted with cereals. Numerous grass, Schizogyne sericea, Bulbostylis, Cassia have invaded the fore land.

The formerly cultivated areas have now grown up to grassy (Panicum) mixed with Melochia, Croton, + Bauhinia. In these areas the replacement has been by Ramadfia, Jatropha + Melochia.

The N side entirely is dominated by a heavy vegetation

Note - General occurrence of Prosopis + Capparis on sea coast trending river

dominated by the scrubbing Jatropha cuspidata + Boerhavia scandens. Also present are the climbing Capparis, Tabebuia, Jacquinia, Croton + the fleshy leafed Cordia. Undergrowth consists of Cereus, Opuntia, Cactus + Acalypha + Prosopis, the latter type in upland areas. The S. ridge is heavily wooded with a Capparis (climbing + scrub) + vitiated Acanthus, Cocoloba, Bombax + Cereus. Croton, Wedelia, Jatropha + Boerhavia dominate certain local areas.

The third or E. island has a rocky ridge on the N side + a sand flat on the S. edge. The rocky area has an open vegetation of Acacia (upright finish) Boerhavia + Capparis. Cypress are scattered as undergrowth. The sandy area is dominated by Hippomane with a fringe of Cocoloba + the margin of Tournefortia gnaphalodes + Boerhavia. Some pustulentia is present.

The S. island is the smallest + has a narrow sandy beach on the E side. Here Hippomane has developed, somewhat slightly, on the rock. The ridge is well covered with Boerhavia + Ficus with some Croton, Mayer, Jacquinia. + well patched with low shrub growth of Jatropha. Areas of yellow fl. Melampus

11036 x Eclipta alba (L) Hassk.
4

11037 x Malachra alceifolia Jacq. 3

11038 Cocculus carnosus Jacq
3

11039 x Hippomane Mancinella L. 7

11040 Justicia ~~sphaerospermum~~ purpureifolia Jacq. Vahl.
6

11041 Cocculus mexicanus L.
2

11042 Cocculus mexicanus L.
0

11043 * Capparis cocolobifolia Mart. 3

11044 * Desmodium canum (Gmel.) Schinz & Thellb.

11045 Alternanthera ramosissima (Mart.) Chod.
6

11046 * Tabebuia pallida Miers 6

11047 * Chaetocalyx scandens (L) Urb. 4

11048 * Bernardia corensis (Poeg.) Müll Arg. 6

11049 * Melochia tomentosa L. ("balsam") 7

✓ Albizzia lebbeck (L) Benth. 6

11051 ✗ Clerodendron aculeatum (L) Schlect. 5 Vert

✓ Tecoma stans L. 5

11054 ✓ Spigelia anthelmia L. 3

✓ Cardiospermum microcarpum HBK 4

Mayreau – St. Vincent Grenadines

Privately owned island – Mrs. Eustis a resident. Population about 300. Agriculture almost entirely cotton – some pigeon peas & potatoes. Sea island cotton grown but badly contaminated with Maria Belante. Sea island an annual requiring cultivation, all pulled up in April & burned. M-B. a perennial with shorter fibres. Lower value.

Island short of H2O – no catchment but tank garden on hillside. Very dry season water imported from Union. Heavily cultivated with only few rocky areas showing any semblance of original or native shrub.

Old fields, some back in Cactus, C. astreatus, Bursera, Melothria, & Cassia (fine leaf.)

Rocky areas has native vegetation dominated by Bauhinia ungulata, Cordia sebestena, Bourreria – Croton, Cypo ovata, Bursera, Erythroxylon, Casearia, Myrc common.

Cleared in fields & rock areas volunteers Tamarindus, Lonchocarpus, Jatropha, Leucaena, Lysiloma latisiliqua, Pterocladium, Plumeria, Acacia (fine flowers), Agave, Opuntia, Wedelia.

Lower thickets near sea – Tabebuia, Erythalis, Bourreria, Jacquinia, Randia, Plumeria, Myrc. – Coccoloba uvifera

Weedy areas – Centrosema, yellow fl. –

Cont. & rocks – Hippocrania, C. serifera, Tournef. gnaph, Sabina, Acrocomia, Bauhinia (a little).

Coarse like unique projectile cut on Magram & unique adventitious shot which are used for settling homes.

11056 * Guettarda parviflora Vahl. 4

11057 * Melochia nodiflora Sw. 4

11058 * Passiflora foetida L. var. hispida (DC.) Killip 4

11059 * Tournefortia volubilis L. 4

11060 * Heteropteris purpurea (L) HBK 4

11061 * Bourreria succulenta Jacq. 1

11062 * Ficus laevigata Vahl 1

11063 ✓ Enicostema verticillatum (L) Engl. 3

11064 ✓ Sida glomerata Cav. 4

11065 ✓ Pithecellobium unguis-cati (L) Willd. 1

11066 ✓ Eugenia legustina Willd 1

Eugenia matisia (Sw.) DC.

11068 ✓ Guettarda parviflora Vahl. 1

11069 × Maytenus ellipticus Kurz + Urb. 5

11070 × Cenchrus echinatus L.
3. gave a cake of starch

11071 × Portulaca oleracea L. 3

11072 × Pilea microphylla (L) Liebm. 4

11073 × Acrostichum palmata (L) Urb. 4

11074 × Epidendrum ciliare L.

11075 Aechmea bigibbosa (L) Baker 1

11076 + Acalypha tithymaloides Poit. 3

11077 × Lithospermum Sw.
4

11078 + Guettarda scabra (L) Lam. 1

11079 × Wedelia Jacquinii Rich.
4

Eugenia cordata (Sw.) P. DC. var. Sintenisii (Kiaersk.) K + U.

11081 + Croton flavens L. 4

11082 ≠ + Croton populifolius Sw. #2

11083 + Lantana reticulata Ruiz.

11084 + Cassia glandulosa L. var. Swartzii (Wechste) Mack. 4

11085 + Brassavola cucullata (L) R. Br.

11086 + Dilaxis lancifolia Schlecht. 6

11087 + Acalypha cuspidata Jacq. 4

11088 + Maytenus ellipticus Kruz + Urb. 4

11089 * Maytenus ellipticus Kurz & Urb. 1

11090 * Capparis coccolobifolia Mart. 8

11091 Cocoloba coronata Jacq
5

11092 * Cordiaea aestuans L. 2

11093 * Caesalpinia (Guilandina) Bonduc Roxb.

11094 ✓ Cordia alliodora Willd 2

11095 ✗ Rauwolfia Lamarckii A. DC.
2

11096 ✗ Katalpa ~~[illegible]~~ Catalpa Rydb. (L.) ~~[illegible]~~ Ann. 4

✓ Commelina elegans HBK.
4

11098 Alternanthera ramosissima (Mart.) Chod.
4

Aneibema geniculata (Jacq.) Woods.
6

11100 x Lasiacis divaricata (L.) Hitchc.
0

11101 x Maytenus ellipticus Kurz & Urb. 5

11102 x Genipa americana L. 1

11103 x Abutilon umbellatum (L.) Sweet 3

11104 x Eupatorium odoratum L.
2

11105 x Cassia sicyoides L. 1

11106 x/3 Coralloscyphus emetocathartica (Gris.) Cogn.

11107 * Sapindus saponaria L. 1

11108 * Psychotria pinnularis Moc + Sessé 4

11109 * Cordia globosa Jacq. R+S. 4

11110 * Cordia curassavica Jacq. R+S. 2

11111 * Passiflora suberosa L. 1

Carriacou Island - St. Vincent Grenadines

At present contains the largest amount of undisturbed land of the islands visited. Areas of cultivation mostly in middle part - crops mostly non-island cotton + pigeon peas.

An old estate on windward slope just cultivated for 4 crops. Has been taken over by land settlement office as experimental farm. Purchased from owner. Drainage runs into small brackish harbour. - Soil dry but good, fairly rich few + deep. Accumulation due to erosion of upper slopes. Here non-island cotton corn, root crops + some cane grown experimentally, but with profit. Trouble at present is shortage of labor. Reg-Reg grass used as pasture - with success.

Two trips made - 1 east of Mt. Pleasant (837') another up there "1933 - H.M.S. Challenger". - Direct through cotton, then old cultivated field then dry ridge woodland - finally low woodland + summit vegetation.

Old fields - lowest belt are colonized by Leucaena, Acacia (sweet fruit) + Acacia (Tom Spring one). As fields get older Capparis (corn), Bauhinia + Bursera (Chalmoyer) seem to invade successfully + crowd out the above. The Tom Spring acacia does not seem well in shade or shade

ones: Baccharis pilularis, Cordia (corn-tortilla leaf)

Low coastal area - sun-tempered by cultivation have a. Ilex, Jacquinia, Rondeletia, Coppania (citron) mostly ancestors in original site. Acacia

On lagoonal site conspicuous ones would be these plus Bursera, Tabebuia, Bonpiria, Psychotria (climbing one) + Acacia.

Vegetation of inclosing zone in Mt. Royal - generally open like family farm + savanna. Some deciduous element but many evergreen -

Hymenaea (locust)	Maytenus	Myrcia - Eugenia
Lonchocarpus	Mayer	Buttonbo (long leaf)
Tabebuia	Bursera	Bonpiria

Coccoloba caribaea

Bursera is most striking tree - large trunks some 24" dbh + red + peeling. Rough sculptured trunk of Buttonbo, smooth trunk of C. caribaea - in many areas the most abundant plant

Twin element: Lucaniton, Cactus, Acalypha, Jatropha,

New west of Mt. Pogt - actual crest, on ridge is a rock pile but crest is present incentally up to there rocks.
Myrp, Mangifera, Tabebuia dominate woodland region.
Forested regions have some Bursera + Myrp. Cordia dominant. Large + small leafed Bauhinia. Cordia sp.
Large plant. include Bidentatus (common), Cassia, Plumieria, Jatropha curcas,
Plants on rocks - Agave, Acacia cedrosa, Jatropha curcas, Plumieria, Pilea, Portulaca, Orchid, Polypodium aureum, Cactus
Epiphytes on rocks - T. utriculata, Green Orchid, white Cactus, Cyrtia Bitrolia (Begonia) - Tournefortia + Bouvardia

Trip to NW corner along the mesa -
Old fields encountered all along slope - all dense + green up to 10-15' height -
Lantana (called Tamarind dominate), Bouvardia (cultivated)
Tamarindus, Cypseis (thorny + albus). Characias not common vine. Calotropis
Above these fields + beyond area of former cultivation is area of natural short woodland.
Large tree in this area - Bursera, Hymenaea, Tamarindus, Spondias (hog plum), Ceiba (rare).
Large tree + shrub - Myrp, Bursera, Schaffneria

Euphorbia, aphea, Acrogia, Ceth. erypsum. "Christ's crown" - looks like yellow ff. Malpighi of Canessia. Acacia common.

Woody slopes of tracks - or fields -

Melothria, Cordia globosa - asphodeloid, Acacia (low, spiny)

Acacia nilotica, Bryophyllum, Jatropha

vines - Bryony, Cyclista, Cissampelos, Vitis - brown ff. Vitaceae,

Tournefortia volubilis

Short woodland at N W point

Berrera, Mayor, Sky, Randia,

On rocks - Crotalaria - atherantherum - aroes, Plumeria

Sandy beach formation -

Hyppomane, Sesuvium, Cistus, Cocoloba uvif, Tournefortia

gnaphalodes, Bulbostylis, Cordia tenuis, Randia,

Waltgeuffia, Bauhinia, Ipomoea pes. caprae, Euphorbia,

Distichlis, Telanthera (Petal) Sesuvium.

[illegible]

[illegible]

11112 ✓ Evolvulus glaber Spreng. 6

11113 ✓ Euphorbia serpens HBK 6

11114 Desmanthus depressus HBK 2

11115 ✓ Boerhavia erecta L. 5

11117 ✓ Quamoclit coccinea (L.) Moench. 5

11118 ✓ Schoepfia arborescens R.S. 7

11119 * Datura metaloides DC. 1

11120 * Lantana Camara L. 2

11121 * Tillandsia usneoides L. 1

11123 * Cassytha filiformis L. 5

Still Melalenka lea of lantana mordicants leaves comitions but thing there is for relief in Unions!

What are yellow, white + purple sweet potatoes?
Cabeloc, tennis, dashen

Union Island - St. Vincent Grenadines

Island of most rugged terrain & profile of all Grenadines. Highest peak 1010 ft - six main range. A deep valley harboring town of Ashton separates the range from an Eastern one with Pennick peak & valley range dominating it.

Port of entry on E (windward side) is town of Clifton. Harbor enclosed by coral reef with single opening about SE of town. Bouy at entrance not operative. 2 lanterns, one on dock & one in hills serve to guide ships in at night. No permission given for departure after dark because of rugs & tricky current.

Two small closely associated islands - Frigate near Ashton & Red near Clifton. Prune has to the east.

Island has been seat of government & center of population for many years. Cultivation heavier in the past. Occupation now raising cotton & animals for Trinidad market. Both have effect on land. Soil is poor, erosion run-off heavy. No conservation measures. Cotton grown to crest of hills & planted in vertical rows. Bare island cotton must be uprooted & burned by April 15th or for months one cow to soil slope.

Animals (cows, goats, sheep, pigs) tied during wet season but allowed to roam free to browse shrubs during dry season. Results all shrubs land to the highest peaks

so region of damage due to drouse.

Coastal vegetation - Hippomane + Coccoloba at Clifton in sand of cove.

Salt pondy opened periodically

Avicennia dominate ephemeral lake of flat east of Ashton. Lake formed by salt H2O seepage + kill off during wet season. Also few small areas of Rhizophora.

N. shore - Avicennia - W. shore sandy - Hippomine + Coccoloba

Large areas of Thalassia exposed + covered with grass mostly old cotton fields now used for grazing animals. Bourbine + Ashton coastline, some Cordia esculenta.

Short woodland on rocky slopes -

Thus dominated by Bourreria (perhaps most common plant on island) + Comocladia. Acacia tortuosa, Coccoloba coronata Myrcia, Capparis (common + other), Erythroxylon, Yellow Melocactus + pink Melocactus. Pithecellobium, Calliandra (abundant in cultivated areas) Leucaena (after cultivation) Ramosfia - weedy shrub growth - Cordia, Cordia esculenta, Jatropha, Tantum coriaceum, - Dixie divi following introduction

Plumeria shows up on all rocky outcrops.

Acacia - opening fruit

Steps of granite - a solid rock mass - little soil except at base & in one or two valleys -

Vegetation dominated by Lomatia. Associate on rocks - Myrs, Banksia, Banksia, Stenolobium, Cyperus (vite & crown), Lucuma, & Phoenix - Telopea - Cattleyopsis

Woody but or low shrub growth -

Medelia, Senecio sarp, Eryngium, Pittosporum, Pedilanthus

Rock lovers - Cactus Brasiliensis, Opuntia, Tillandsia articulata & twisted one, Pitcairnia (bromel) Polypodium, Acalypha, Agave! - two orchids.

[illegible] Kingsville [illegible] April 3, 1915

11124 ✗ Securidaca diversifolia (L.) Blake 4 [illegible]
[illegible]

11125 ✗ Coccoloba uvifera L.
3 [illegible]

11126 ✗ Guaiacum microphyllum Vahl. 5
[illegible]

11127 ✗ Dorstenia contrayerva L. 2
[illegible]

11128 ✗ Swartzia simplex Spreng.
[illegible]

11129 ✗ Guaiacum glabrum Vahl. 6 [illegible]
[illegible]

Kingsbill - Mt. Vernon 4/20/54

11130 Odontonema nitidum (Jacq.) O. Ktze. Bennett
leaf & 5-l. flowers & bract - red

11131 ✓ Oncidium luridum Lind ?
0 yellow - petal tips, lip purple & purple

11132 Tillandsia fasciculata Sw. 2.
green yellow - on fruit

11133 Tillandsia utriculata L. 2
green yellow, flh cream

11134 Tillandsia utriculata ~~Sw.~~ L. 1 Bennett
11134 green yellow, on fruit

11135 ✓ Tragia volubilis L. 4
11135 vine -

11136 ✓ Capparis breratum L 4
11136 bract red & 5-l. branch & flh to
flowers

11137 ✓ Cordia polycephala (Lam.) Johnst. 5

11138 ✓ Lobelia cisifolia Lam. 3

11139 ✓ Fuchsia Kugii Wark. 5

11140 ✓ Gesneria ventricosa Sw. 7

11141 ✓ Lipanema glabrescens (Presl.) A.DC.
4

11142 ✓ Guarea macrophylla Vahl. 3

11143 ✓ Chimarrhis cymosa Jacq. 4

11144 Ocotea martinicensis Mez. 4

11145 Nectandra patens (Sw.) Basil. 4

11146 Vriesia unguis (Basil.) Hems. 1

11147 Psychotria pendula (Jacq.) Urb. 5

11148 Astrum megalophyllum Dunal 7

11149 Columnea scandens L. subsp. vimentina Mort 4

11150 Gonzalagunia spicata (Lam.) Mage 4

11151 Macgregoria umbellata L.
4 x

11152 ✓ Polybotrya cervina (L) Kaulf. 1

11153 ✓ Oreopanax capitatum (Jacq.) Decne + Pl. 3

11154 ✓ Bou

Grenada & Umbella L.
G. V.

11155 ✓ Rene ib.
3

11156 ✓ Piper dilatatum L.C. Rich 3

11157 ✓ Costus cylindricus Jacq.
1

11151 Maiegravia umbellata L.
4 x

11152 ✓ Polybotrya cervina (L.) Kaulf. 1

11153 ✓ Oreopanax capitatum (Jacq.) Decne + Pl. 3

11154 ✓ Bohmeria ramiflora Jacq. 6

11155 ✓ Renealmia racemosa (L.) A. Rich.
3

11156 ✓ Piper dilatatum L.C. Rich. 3

11157 ✓ Costus cylindricus Jacq.
1

11158 ✓ Aegiphila martinicensis Jacq. 6

11159 ✓ Calopogonium mucunoides Desv. 6

11160 Spermanthes lanceolata (Aubl.) Sess.
4

11161 Coccoloba diversifolia Jacq.
4

11162 ✓ Pellionia scabra Benth.
(2 clumps)

11163 Pellionia Daharai L. var. ciliata Lanc.
2
(4 clumps)

11164 ✓ Pellionia ~~[illegible]~~ Lanc. var. ciliata Lanc.
2
(4 clumps)

11165 Stachyarphita jamaicensis (L) Vahl. 1

11166 ✓ Pterolepis glomerata (Rottb.) Miq. 6

11167 ✓ Episcia melittifolia (L.) Mart. 5

11168 ✓ Calcinia ~~repens~~ crocea (Sw.) R. & S. ~~Batb.~~ 4

11169 ✓ Tetragyria discolor (L) DC ?

11170 ✓ Desmodium canum (Gmel.) Schinz & Thellb.

11171 ✓ Sauvagesia erecta L. ?

11172 ✓ Potystachya lutesla (Sw.) Hook.

11173 Clusia Plankenetii Urb. 4

11174 Allopectus cristatus Mart. 6

11175 Acnistus arborescens Schlect. 6

11176 Chelonia umbrosa Cogn. 3

11177 Epidendrum secundum Jacq.

11178 Rubus rosaefolius Smith ?

11179 Macropholis chrysophylloides Pierre 6

11180 5 Desmodium adscendens (Sw.) DC

11181 5 Begonia macrophylla Lam.

11182 + Alyxia latifolia L.
6

11183 Acalypha virgatina Jacq.
4

11184 ✓ Spondias mombin L. 4

11185 Crossopetalum rhacoma Scop.
4

11186 × Scharia latifolia Sw.
4

11187 Pluchea odorata (L) Cass.
3

11188 ✓ Stylogyne lateriflora (Sw.) Mez. 5

11189 Coccoloba diversifolia Jacq.
2

Cephalis nervosa (Vahl) Sw.

11191 ✓ Phoradendron flavens Jacq. 7

11192 ✓ Salvia occidentalis Sw. 6

Epidendrum ibaguense HBK

11194 ✓ Bejaria lutea L. var. venustina Mart. 5

11195 ✓ Leiaanthus frigidus Sev. 3

Epidendrum secundum Jacq.

11198 ✓ Desmodium axillare (Sw.) DC var. genuinum Ulb.

11199 ✓ Freziera hirsuta Smith

[illegible]

11200 Chamianthus coccineus (L.C. Rich.) D. Don. var. parviflorus Cogn. 9

[illegible]

11201 Blechnum striatum (Sw.) C. Chr. 1

[illegible]

11202 Borreria laevis (Lam.) Griseb. 3

[illegible]

11203 Sauvagesia erecta L. 1

[illegible]

904 Helianthus Bikai L. var. ciliata Lane
(5 lots) 3

[illegible]

905 Epidendrum Urbanianum Cogn.
1

[illegible]

9 11206 Dryopteris (Lastrea) ~~nmsp.~~ Consanguinea (Fée) C. Chr.

11207 Eugeion bonariense L.

11208 Anthurium Scandicinum Schott.

11209 (Lycopodium reflexum Lam. var.) 6 (L. rigidum Gmel.) not this

11210 Euterpe globosa Gaertn.

11211 Hedyosmum arborescens Sw

[illegible]

9[illegible] [illegible] [illegible]

[illegible]

11213 × Rynchospora polyphylla Vahl. [illegible]
2 [illegible]

11214 Guzmania Plumieri (Jacob.) Mez. 3 [illegible]
[illegible]

11215 × Cladium ustioides (Sw.) Britt. mo [illegible]
4 [illegible]

11216 Pilea parietaria (L.) Blume [illegible]
1 [illegible]

9[illegible] ✓ Selaginella sp. 6 [illegible]
[illegible]

9[illegible] [illegible]
[illegible]

11219 Lobelia stricta Ker. 5.

11220 Petcairnia albicaulis Schnl. 2

11221 Tibouchina cistoides (Brmb.) Cogn. 1

Mustejiw 4/1950

Privately owned island one family for 60 yrs. Thorn-shrub dry woodland protected. Limited agriculture + population. Little agriculture + grazing of bushman cattle + sheep & few goats. Most allowed to run wild + wounded up or shot (hunted) at times.

Two ponds on island – one used for salt. N one collects rain water only.

Woodland on hills old + well differentiated. Dominated by Haemanthus, Boscia, Cocculus + Euclea (small leaf).

Woodland forest –

Haemanthus	Combretum (Broad)
Boscia	Capparis (Corne)
Euclea (small leaf)	Tamarix fragrans (Major
Cocculus sinuatus (Chinese grape)	Tabebuia
Pittosporum viridiflorum	Maytenus (small leaf – red cherry)
Acacia (hooking fr)	Jasminum
Terminalia	Lonchocarpus (green heart)
Albizzia	Sclerocarya
Schaefferia (blue fr)	Prosopis
Burseria	Strychnos (corne)
Lucaena	Erythroxylon
Celtis	

shrub growth:

Rhamnus

Cotoneaster (small)

Cotoneaster ambiguus (white berries)

Caesalpinia (quinkie apple)

Crataegus

Berberis

Berberis

Jacquemontia (blue)

Berberis

wooly Aralia

Prunus

Pomifera fortunei

Chr - ducking 4 - angled Cactus

2 orchids

T. utriculata

trees to 25' - mostly brown - contorted

little ground cover

Old fields - only a few - bunch grasses - still being used

low rosette

Cassia (flaky lf, explosive fruit)

Acacia (silver spines, brown stems) (young of bendy hanging parts)

Melothria pergrinea

Cordia erythrocalyx

Montezuma

Menzies' steppe - open park like brush land - little
shrub or bare growth

Tetetria - Mayor

Mendiel

Inga Jaguina

Sta Anna

Plumeria smithia

white veined Myst. flaky yoyo!

Bonjia

long leafed Bouttonde

Protected coast - Avicennia & Rhizophora

rocky or exposed coast - Hippomane, Tetetria, Plumeria

11222 Tillandsia utriculata L. 1

11223 Coccoloba coronata Jacq.
3+1 abs.

11224 ✓ Croton niveus Jacq. 3

11225 ✓ Pisonia aculeata L. 2

11226 × Psychotria Lepipica nervosa HBK 2

11227 Brassavola cucullata (L.) R. Br. Orchid

11228 ✓ Coccoloba emetocathartica (Grs.) Cogn. Vitis

Begun - [illegible] 4/14/[illegible]
by [illegible] of [illegible]

11229 ✓ Helictotrichon ternatum Schl. 6 (Bong.)
[illegible]

930 - Chionelia fasciculata (Sw.) Sw.
[illegible]

931 Coccoloba coronata Jacq.
2 [illegible]

11230 ✓ Schoepfia arborescens R.S. 3
[illegible]

11233 × Solanum lithospermum Sw.
2 [illegible]

11234 Tillandsia fasciculata Sw. 2
[illegible]

11235 Catopsis floribunda (Brongn.) L.B.Sm. 3
[illegible]

11236 Trimezia martinicensis (Jacq.) Herb.
8

11237 ✓ Oxalis fruticosa L. 12

11238 ✓ Malpighia coccigera L. 3

11239 ✓ Ericostema verticillata (L.) Engl. 3

11240 ✓ Bumelia obovata (Lam.) A. DC 6

"spring - Cong. vertypoia mostly unarmed - his von Kunzii spring but not this - see J. AA 26:463

not provided

0

✓ Linociera caribaea (Jacq.) Knobl.
6

[illegible]

943 Eugenia [illegible] (Sw.) DC var. [illegible] (Kunth) K+U. [illegible]
[illegible]

11244 Rugiodendron ferreum (Vahl). Urb. 3
[illegible]

11245 Buttleria scabra (L) Lam. 6
[illegible]

11246 Clusia minor L 4
[illegible]

11247 Exostemma caribaeum (Jacq.) R+S. 5
[illegible]

11248 Bunchosia nitida (Jacq.) DC 5
[illegible]

11249 Croton populifolius Sw. 4
[illegible]

11250 x Epidendrum ciliare L.

11251 ✓ Peperomia ~~leptostachya C.DC.~~ 2 myrtifolia (Jacq.) Dietr.

11252 ✓ Peperomia Sintenisii C.DC. 5 myrtifolia (Jacq.) Dietr.

11253 ✓ Bernardia dichotoma (Willd.) Muell. Arg. 2

11254 x Euphorbia cotinifolia L.

✓11255 x Petiveria latifolia Lit. 3

11256 ✓ Cornutia pyramidata L. 1 Vert

Acquired The Brunetons

11257 Eglites prostrata (Sw.) Ktze
6

11258 ✓ Eugenia ligustrina Willd. 1

11259 Stachytarpheta

11260 ✓ Oeijera dilatatum L. C. Rich. 3

11261 ✓ Cynanchum parviflorum Sw.
(Metastelma parviflorum R. Br.) 1

11262 ✓ Cremita racemosa (Mill.) J. Moore (Amoria cayopphylleta Kuntze
(P. acris Kostel.) 4

11263 * Cheilanthes microphylla Sw. 3

11264 ✓ Opleismenus hirtellus (L) Beauv.
2

11265 x Adiantum villosum L. 3

11266 x Passiflora suberosa L. 1

11267 ✓ Maytenus ellipticus Kurz & Ult. 3

11268 ✓ Croton nivius Jacq. 1

11269 Euphorbia articulata Ault.

0

11270 ✓ Peperomia magnolifolia (Jacq.) Dietr. 1

11271 ✓ 4 Jacquinia revoluta Jacq.

11272 x Andropogon caricosus L.
2 [illegible]

11273 x Andropogon condensatus HBK
0 [illegible]

11274 2 Desmodium canum (Gmel.) Schrig. & Thellb.
[illegible]

11275 Walthria americana L. 3
[illegible]

11276 x Lasiacis divaricata (L.) Hitchc.
1 [illegible]

11277 x Lantana reticulata Ruiz. 2
[illegible]

11278 Wedelia jacquinii Rich
2 [illegible]

11279 x Epidendrum ciliare L.
[illegible]

11280 ✓ Phlebodium aureum (L.) J.E. Sm. 3

11281 + Oncidium cebolleta (Jacq.) Sw.

11282 ✓ Ceratosanthes palmata (L.) Urb. 1

11283 × Oncidium lieuedum Lindl.

11284 ✓ Pattonium lanceolatum (L.) Prest. 1

11285 Catopsis floribunda (Brongn.) L.B. Sm. 1

Williams, The Bahamas 9/12/80

11286 Cassia bicapsularis L. 1

11287 Croton flavens L. 1

11288 Croton nivius Jacq. 1

11289 Capparis coccolobifolia Mart. 1

11290 Trianthema portulacastrum L. 1

11291 Lithophila muscoides Sw.

Belbeiner

Formerly heavily cultivated with corn. Remnants of old brown stalks visible. On Battenia remnants of old channing + furrowing pots visible. - Now rotten + corn grown - little there.

Low shrub growth dominant

S. end badly eroded exposing rocks. Vegetation of grass Bactyloctenium, Cactus + Euphorbia, 990 + 991 all prickly pear Cactus Berlandieri.

Slightly north is extensive area of low shrub 2-4'- stunted woodlands on windward coast. Picture of wind rows.

Chart on Rondia + Cactus (987). A few Acacia (996). Occur cactus Rondia with flattened branches. Shrub often broader than high.

N. of this is low shrub land 4-7' of Rondia, Bocconia, Acacia nilotica, other Cactus most abundant. A few trees occasional Hyphaene palm

deciduous widely scattered. Capparis (969) + silver leafed one. Also Mayna. On lee slopes Acacia, Bocconia + Cactus. Trees 8 12'- + Mayna. + Tabebuia

Very poor emerging vegetation.

Cows won't reproduce. Sheep do early. Donkeys do well + many are wild. Water supply is rain catchment ponds on low terrace covering surface. All wells now completely dry.

Central vegetation is Hyphaene + Tabebuia.

Agriculture marginal. Land used primarily as source of poles.

Bettowia

Sloping hillside with steep sides on 3 sides. Formerly grew sugar there. Now grow corn cotton & forage grass for Bathieuy. One water hole. Drinking water imported for both islands. Coastal tree - Hyppomane, Tabebuia, Acacia & Bauhinia

Begonia -

Southern region -

Cattleyas in part on north only, & heavily on south.

Mango, Amazonicum, Sapotilla do well

Old fields & soils -

Acton estate - Pandies most abundant

scattered - Calliandra, Cattleyaphora

Lencaena Comelodia

Acacia tonuiflorus small Acton

Myrcia

In undisturbed areas - valleys. -

Schafferia - Lonchocarpus has well grown fast

Mucuna bark

Pogetheia sp

Mayor

Are abundant - Lonchocarpus Hetero or rocks

Bauhinia Wedelia Pitcairnia

Cecropia Eugenia Anthurium

white flowered Acanth Epidendrum

Eugenia Cordia ayfinis Calliandra

Phyllanthus (small lv) Peperomia

Brettanda (large + small)

Erithalis

Pedilanthus

undisturbed ridges

Eritholia	3 lobed Pinaflora
Ampis	
Tabebuia	back ridge
Plumeria	Oxalis
Convolulus	Mirabilis
Moringa	Indica
	Aida

N ridge Cenomia garden & pit.

S. slope cultivated – Cotton, Pegin pea & Cocoa mixed

Coconuts

lands abandoned reverting to –

Cocoa in some areas

long Bauhinia & tamarind – sapling, straight (good pole for house – 6 70' + 2".

Other fields diversified

Bauhinia	Cenomia	Bomeria	Hemotoxylon
Tabebuia	Myrcia	Bonyia	

Manchineel area - N. slope

Bursera + Cassia largest tree (ht 40' + dbh 18")

Lonchocarpus Schoepfia

Bourreria abundant

Schoepfia (green fr) extremely abundant

pink bryophyte very common

Eugenia

understory - Bourreria (several sp), Bocconia, Jatropha (1.8')

Pogonomia, Cochlospermum, Wedelia

Tabebuia ochracea, very Oncidium epiphytes, Polypodium

Inverted form - one on rock, Anthurium on soil

Cattleya on rocks - 4 cryptd centers on rocks.

Growth + adaptation of Cassia outstanding - very common

should be managed.

See cont area

Tabebuia, Jacquinia, Bocconia, shrub.

11292 ✓ Spondias purpurea R. Jus. 10

11293 Gonzalagunia spicata (Lam.) Mgz. 4

11294 Odontonema nitidum (Jacq.) Ktze.

11295 Palicourea crocea (Sw.) R&S ~~rapanea Benth.~~ ?

11296 Cordia sulcata DC. 6

11297 Psychotria trinitensis Urb.

11298 Notanthera membranacea (Sw.) Gmib. ?

11300 Tetrastylis stipuleata (Wahl) Ree
5

11301 Oxalis Barrelieri L.
4

11302 Vernonia arborescens (L) Sw.

11303 Petrea Kohautiana Pres. 3

11304 Flemingia strobilifera R. Br.
5

11305 Croton populifolius Lam.

Ceiranthus latifolium Lam.

Spiranthes tortilis (Sw.) L.C. Rich.

11308 Trimezia martinicensis (Jacq.) Herb. 4

Scleria pterota Presl.

4

11310 Chelonia hirta (L) D. Don var elegans (Aubl) Griseb.

11311 Myrcia citrifolia (Aubl.) Urb.

Spiranthes orchioides (Sw.) A. Rich.

Aeschynomene sensitiva Sw.

11314 Ptelea trifoliata (Scott.) Jeng.

11315 x Jussiaea suffruticosa var leptocaulis (HBK) Griseb.
6

11318 4 Sauvagesia erecta L
5

11319 4 Ericostemma verticillatum (L) Engler.
5

11320 x Cordia martinicensis (Jacq.) R+S. &

11321 Tabernaemontana cumingiana A. DC.
6

tergemina (L) Benth.

11323 Pisonia fragrans Dumont-Cours.

lum ovatum Cav.

11325

11326 Bernardia ~~Coreana~~ Corenaia (Jacq.) Muell-Arg.

11327 Ardisia obovata Hamilt.

11328

11329 Cucubalus australis Mill.

2 + 1 adv.

11330 Picramnia pentandra Sw.

11331 Myrcia citrifolia (Aubl) Urb. - det RMcV

11332 × Tabernaemontana citrifolia L.

5

11333 Bernardia corensis (Jacq) Muell.

(11334)

mapifolia (Vahl) Baill.

11335 Cocculus carolinus DC.
3

11336 Cocculus ocuendus Diss. ex Lind
3

11332 Zanthoxylum clava-herculis L.

11338 Leonurus sibiricus L.
3

11339 ~~Cocculus~~

11340

11341 Pectis floribunda A. Rich.

11342 Ternstroemia peduncularis A.DC.

Pithecium cambanus (K&C) Eng.

11344 4 Securidaca diversifolia (L) Blake

7

11345 Cassia glandulosa L. var. swartzii (Wight) Mach

Hilostetum L. C. Rich

11348 Mimosa ceratonia L.

11350 Piptium attenuatum (Rose) Urb.

11351 Tournefortia bicolor Sw.
6

11353 Cyathea arborea (L) J.E. Sm. 6

11354 Rourea glabra HBK

11355 Cocoloba uvifera Jacq.

7

11356 Dicranopteris pectinata (Willd) Underw. 6

11357 Polypodium lycopodioides L. 7

11358 Wedelia trilobata (L) Hitch.

11359 Casearia decandra Jacq.

11360 Blechnum occidentale L. 6

11361 Pityrogramma calomelanos (L) Link 4

11362 Solanum ~~ficifolium~~ trifolium Ortega

11363 Nepeta agrestis (Benth.) Nand.

Micromeria chrysantha (Vahl) Cogn.

Micromeria chrysantha (Vahl.) Cogn.

11366 Acknera Smithiana Mz. 4

11367 4 Ormosia monosperma (Sw.) Urb.
6

11368 Banisteria longifolia Sw.

11369 4 Ouratea guildingii (Planch) Urb.
12

Rhynchospora globularis (Chapm.) Small,
var pinetorum (Small) Gale
listed from Cuba & Jam. by Gale - range extension
4

1393 Coccoloba pubescens L.
3

occurrens 2

1073 Miconia stenota (Vahl.) Cogn.

11374 Pimenta [illegible] (mss) J. W. Moore

11375 Chlorophora tinctoria (L) Gaud.

11376 × Bourreria succulenta Jacq.
3

1077 Cocoloba swartzii Meisn.
5

11378 Tillandsia articulata L.

11379 Petrainia latifolia Rit. "

[illegible]

[illegible] Curcuma longa L.

[illegible]

[illegible]

11382 Aniba bracteata (Nees.) Mey.

11383 ✓ Trichomanes pinnatum Hedw. 8

11384 + Bostrichia tuta L. det CVM
5

11385 ✗ Nephrolepis rivularis (Vahl) Mett. 6

11386 ✗ Meniscium (Dryopteris) reticulatum (L) Sw. 4

11387 office alphabetical order
polygonatum N & D by Wild.

11388 Coccoloba ascendens Urb. by Lind
0

11389 Calyptranthes Forsteri Berg.
x 1

11390 ✗ Fimbristylis annua (All.) R&S.
10

11391 × Lantana camara L.
× 6

× Scleria arundinacea Kunth.
6

× Cyperus densecaespitosus Mutt. + Kükenth
5

× Cranichis muscosa Sw.
5

× Erythrodes hitella (Sw.) F + R

Tulipia (L) Dutz

11397 Skeophila melittifolia (L) Hanst. (var)
3

[illegible]

[illegible] Dichromena ciliata Vahl.
5 [illegible]

[illegible] Rhynchospora racemosa (Rudd.) P. DC
[illegible]

[illegible] 11/20/[illegible]

11400 4 Capparis indica (L.) Druce
7 [illegible]

[illegible] Oncidium cebolleta (Jacq.) Sw.
3 [illegible]

11402 Eugenia ligustrina (Sw.) Willd. Myrtaceae
[illegible]

[illegible] ACSITHAMNIM POLYGAMUM (WALL.) KTZE Euphorbiaceae
[illegible]

[illegible] Cocoloba uvifera Mainw
[illegible]

11405 Bonisteria pupurea L. Malpighiaceae
[illegible]

11406 4 Lonicera glauca (L.) Butts.
2 [illegible]

[illegible]

11408 [illegible]

[illegible]

11407 Bulbostylis junciformis (HBK) Lindman [illegible]
5 [illegible]

11409 Plumeria alba L.
[illegible]

11410 [illegible] punctatum Vahl.
[illegible]

11411 [illegible] Tonka
[illegible]

11412 ♀ Heliotropium ternatum Vahl.
[illegible]

11413 Guettarda scabra (L) Lam
[illegible]

11414 4 Randia aculeata L.
5 [illegible]

11415 4 Oxalis frutescens L.
7 [illegible]

[illegible] Scleria lithospermum (L) Sw.
5 [illegible]

[illegible] Euphorbia lineata Retz
[illegible]

11418 4 Thespesia populnea (L) Sol.
8 [illegible]

[illegible] Lithospermum ovatum Cav.
[illegible]

[illegible] Eugenia cordata (Sw) DC v. cinerascens (Kurz) K & H
[illegible]

11420
6 Abildgaardia monostachya (L) Vahl.

11422
6 4 Eriothrix fruticosa L.

11423 Amyris elemifera L.

11424 Zanthoxylum punctatum Vahl.

11425 Malpighia coccigera L.

Bat. humifusa Sw.

11427
3 4 Crinita cistoides (L) Mey.

11428 Rivina humilis L.

11429 Petiveria alliacea L.

11430 Cephalocereus royenii (L.) Br. & R.

11431 Pisonia fragrans Dumont-Cours.

11432 Guettarda parviflora Vahl.

St Louis Trinity Lighthouse, Sun, Feb 3/96

11433 Ctenanthe fasciculata L.
x5 [illegible]

11434 Achimenes longiflora (L) Baker
[illegible]

11435 Passiflora suberosa L.
2 4 [illegible]

11436 Phyllostegia glabrata var. parvifolia (Mildbrd) Mold.
x5 [illegible]

1137 Collinsia
[illegible]

11438 Rhododendron ferrugineum L. Pat.
[illegible]

1139 Cyperus cayennensis (Lam.) Britton Lake
3 [illegible]

11440 Cucumis Melo var. Trigonus (L.) Jac. (Vahl)
[illegible]

11441 4 Melothria Pomifera L.
?
[illegible]

11442 4 Cyclanthera pedata L.
4
[illegible]

11443 4 Jacquinia barbasco (Loefl.) Mez.
?
[illegible]

11444 Actinostemma [illegible]
[illegible]

11445 Micrampelis stricta (Vahl) Cogn.
[illegible]

11441 Eugenia

11442 Eugenia myrtifolia (Vahl) Urb.

11449 Talinum paniculatum (Jacq.) Gaertn.

11450 Casearia decandra Jacq.

11451 Tecoma stans (L) HBK

11452 Jacquemontia pentantha (Jacq.) G. Don

11453 Zanthoxylum spinifex (Jacq.) DC.

11454 Tournefortia volubilis L.

11455 Lantana antensis Moldenke

x6

11457 Lonchocarpus violaceus (Jacq.) DC. var benthamianus (Pittier) Sousa

11458 Lonchocarpus racemosus Jacq

11459 Cordia curassavica (Jacq.) R+S. ?

11466 Trema micrantha (L) Blume

11461 Hymenaea courbaril L.
2 4

glomerata Cav.

11463 × Cerchnea echinatus L.
2

11464 Cassytha FILIFORMIS L.
5 4

11465 Corchorus siliquosus L.
4 4

11466 × Bourreria succulenta Jacq.
2

11467 [illegible] Chamaesyce hyssopifolia (L) Small
[illegible]

11468 4 Stachytarpheta jamaicensis (L) Vahl.
x 6 [illegible]

11469 [illegible]
[illegible]

11470 [illegible] Chamaesyce thymifolia (L) Millsp.
[illegible]

1171 [illegible]
[illegible]
[illegible]
[illegible]

11472 ~~Wedelia calycina~~ Rich.

11474 4 Capparis cocolobifolia Mart.
3

11475 Cocoloba pubescens L.
3

11476 Thrinax radiata Lod.

11477 Tragia volubilis L.

11478 Guettarda scabra (L) Lam.

11479 Wedelia calycina Rich.

11480 Oncidium cebolleta (Jacq.) Sw.
3

11481 Oncidium cebolleta (Jacq.) Sw.
4

11482

11483 Tillandsia utriculata L. 1

11484 [illegible] macrocarpa L.f.

11485 Tillandsia fasciculata Sw. 1

11486 x Phaseolus glaber HBK

0

11487 Desmodium [illegible] (Vell) Dutt.

11488 Trichostigma octandrum (L) Walt.

4/5

11489 Desmodium triflorum (L) Dutt.

11490 Tillandsia polystachya L. 1

11491 Polypodium Phyllitidis L. 1.

11492 Dryopteris Howard Holotype

11493 Aecidium altissimum (Jacq.) Sw.
0

11494
Bohemeria ramiflora Jacq.

11495 Gonzalagunia spicata (Lam.) G. Mayr

11496 Odontonema nitidum (Jacq.) O. Kze

11497 Polytaenium ~~Feei Mayor~~ densicaule (Benedict) Benedict
4

11498 Asplenium myriophyllum (Sw.) Desv.
3

11499
Berchemia polygonoides Hook. & Walp.

Erythrodes [illegible] (Sw.) F. & R.

11501 * Lantana radula Sw.
×6

11502 Marcgravia umbellata L.

Oncoposia capitata (Jacq.) Miers

11504 Tillandsia polystachya L. 5

pareira L.

Cocculus swartzii Miers

11507 Anthurium Hookeri Kunth.

11508 Bromelia glabra Vell

11509 Eugenia gregii (Sw.) Prior.

11511 Solanum lanceifolium Jacq.

11513 Piper aduncum (Sw.) Welt

11514 argenteum Jacq.

11515 4 Hillia parasitica Jacq.
2

11516 negropunctata Mez.

11517 4 Columnea scandens var. vincentina Morton
4

11518 Guzmania lingulata (L) Mez. 1

11519 Catopsis floribunda (Brongn.) L. B. Sm. 1

11520
10 4 Desmodium gangeticum (L) DC

11521 Casearia decandra Jacq.

11522 alternifolium (Jacq.) Schulz.

11523 x Lantana camara var. aculeata (L) Moldenke
x5

11524 x Cenchrus echinatus L.
0

Mimosa pudica (L) Hull

11526 Capsicum frutescens L.

11527 Pseudo-elephantopus spicatus Juss (Juss ex Aubl) C. F. Baker

[dups. may already be distr.]

11528 Boussingaultia leptostachya Moq.

11529 Conyza apurensis Kunth

11530 Drymaria cordata (L) Willd

11326 Tournefortia filiflora Bruib

1773 Pilea microphylla (Sw) Wedd

11534 Fleurya aestuans (L.) Gaud.

11535 Solanum ~~heterotrichum Ortega~~ Torrey Sr.

11536 + Urena sinuata L.

3

1337 Cayaponia americana (Lam.) Cogn.

11538 × Cyperus ligularis L.
4 [illegible]

11539 Pitcairnia latifolia Ait. 3
[illegible]

11540 × Eleocharis cellulosa Torr. not fertile effect of streams
10 [illegible]

11541 × Jussiaea suffruticosa var. leptocaulis (HBK) Grant. FORMA. LINEARIFOLIA (HOSACK) MUDGE
4 [illegible]

11542 Commelina diffusa Burm. f.
4 4 [illegible]

11543 Nymphaea aquatica Naud.
c 4 [illegible]

11544 Anacardium occidentale L.
1 4 [illegible]

[illegible] ✓ [illegible]

[illegible] [illegible]

11544 Pterolepis glomerata (Rottl.) Miq.
5 4 [illegible]

11547 4 Lindernia crustacea (L.) F. Muell.
6 [illegible]

[illegible] [illegible]

[illegible] ✗ Scleria pteota Prest.
9 [illegible]

[illegible] ✗ Cyperus hermaphroditus (Lam.) Stand.
5 [illegible]

[illegible] ✗ Andropogon consimilis, UBC
1 [illegible]

[illegible] [illegible]

11552 ✓ Pteridium aquilinum (L) Kuhn. ssp. caudatum (L) Bonga 3

11553 ✓ Blechnum indicum Burm. 8

11554 ✓ Lycopodium cernuum L. 5

11555 4 Sauvagesia erecta L.
6

11556 4 Panicum pilosum Sw.
4

11557 4 Clusia alba L.
7

11558 4 Vitex divaricata Sw.
7

11559 Ilex vitiensis (Seem.) Loes.
4
7

11560 Symplocos martinicensis Jacq.
4
9

11561 Anthurium grandifolium (Jacq.) Kunth.
4
8

11562 Clusia Plukenetii Urb.
4
5

11563 Tetrazygia discolor (L.) DC
4
7

11564 Dieffenbachia seguine (L.) Schott.
4
1

11565 4 Byssonima spicata Rich.
10 [illegible]

11566 Tabernaemontana citrifolia L.
4 [illegible]

1247 [illegible]
[illegible]

11568 Desmodium axillare (Sw.) DC
6 4

11569 Euphorbia Atractedima Boiss.

11570 Clerodendrum philippinum Schauer

11571 Cinnamomum verum (L) Presl.
3

11572 Pitcairnia latifolia Ait. 2

11573 ✓ Selaginella flabellata (L) Spring. 6

11574 ✓ Tectaria incisa Cav. 3

[illegible] [illegible]

[illegible] [illegible]

[illegible] Cassia [illegible] L. var. [illegible] (Wikstr.) Mart.

[illegible]

[illegible] Skinghila melittifolia (L) Hanst.

5

[illegible] Cladonia [illegible] (L) D. Don var. [illegible] (Auct.) Grisb.

[illegible]

[illegible]

[illegible]

[illegible] Cordia sonora L.

5 [illegible]

11581 [illegible] 4 Capparis badusca L.

3 [illegible]

11582 4 Cordia Collococca L.

[illegible]

11583 [illegible] Lonchocarpus pentaphyllus (Poir.) DC.

[illegible]

11584 ✓ Nephrolepis biserrata (Sw.) Schott. 4

[illegible]

[illegible] × Eleocharis interstincta (Vahl) R & S.

6 [illegible]

[illegible] Rhynchospora corymbosa (L) Britton

4 [illegible]

11587
Hydromystria stolonifera G.F.W. Meyer

11588
Microtea debilis Sw.

Elatine major L.

11590 Acrostichum danaefolium Langsd. & Fisch. 8 2 sp. 4 lobed end short

11591
4 Desmodium ascendens (Sw.) DC.
6

Lycopus fetidus L.

Eleocharis retroflexa (Poir) Urb.
6

[illegible] 5/17/58

11594 × 2 Jussiaea suffruticosa var octofila (DC) Munz.

[illegible]

1295 × 5 Ludwigia umbellata Rottb.

[illegible]

1296 [illegible] acuminatum Kunth.

[illegible]

1297 3 Cyperus odoratus L.

[illegible]

11598 × x2 Stachytarpheta australis Moldenke

[illegible]

11599 × Psilotum nudum (L) Griseb. 1

[illegible]

11600 × 300 Iseria tetica (W. H. A.) Chung

[illegible]

1301 [illegible] not ident.

11696 Aiphanes lasiana Bailey

COMPOSITION BOOKS

No.	LVS.	SIZE
101-60	60	9¾ x 7⅝
101-72	72	9¾ x 7⅝
101-84	84	9¾ x 7⅝
104	120	9¾ x 7⅝

THE COVERS OF THIS BOOK HAVE BEEN TREATED WITH A SPECIAL VARNISH THAT PROTECTS AGAINST MOISTURE AND RUBBING

NOTICE HOW SMOOTH THEY ARE

THE PAPER HAS BEEN SPECIALLY SELECTED FOR A SMOOTH WRITING SURFACE, AND UNIFORM QUALITY, WHICH MAY BE IDENTIFIED WITH THE WATERMARK

LOOK FOR THE WATERMARK IN THE PAPER

Royal Writing

THE GRENADINES

St. Vincent territory, British West Indies

Justicia sessilis Jacq.

Herb of mangrove areas; flowers lavender.

Chattan Bay, Union Island

R. A. Howard 10992 March 26–31, Apr. 8–20, 1950

THE GRENADINES

St. Vincent territory, British West Indies

2' herb with red flowers; on coastal rocks.

Mayero Island

R. A. Howard 11040 March 26–31, Apr. 8–20, 1950

THE GRENADINES

St. Vincent territory, British West Indies

Lantana reticulata Pers.

5' shrub of dry upland areas and open woods near summit of Mt. Royal; flowers lavender.

Cannuoan Island

R. A. Howard 11083 March 26–31, Apr. 8–20, 1950

ST. VINCENT
British West Indies

Meyopteris consanguinea (Fée)
C. Chr. (large form)
cum 1951

Terrestrial fern on slopes of the Soufriere Soma. Ridge north of the Soufriere Crater, Alt. 4000'.

R. A. Howard 11206 April 1–7, 1950

THE GRENADINES

St. Vincent territory, British West Indies

Dry land bush, to 20'; sterile; leaves crinkly.

Bequia

R. A. Howard 11241 March 26–31, Apr. 8–20, 1950

Plants of the West Indies

Plumeria alba L.

Shrub on rock outcrop; to 12' tall; flowers white.

Western peninsula S. of Vieux Fort, St. Lucia

R.A. Howard 11409 April 28, 1950

How Do I Love Thee

How do I love thee? Let me count the ways.
I love thee to the depth and breadth and height
My soul can reach, when feeling out of sight
For the ends of Being and ideal Grace.
I love thee to the level of everyday's
Most quiet need, by sun and candle-light.
I love thee freely, as men strive for Right;
I love thee purely, as they turn from Praise.
I love thee with the passion put to use
In my old griefs, and with my childhood's faith.
I love thee with a love I seemed to lose
With my lost saints,—I love thee with the breath,
Smiles, tears, of all my life!—and, if God choose,
I shall but love thee better after death.

*

HENRY WADSWORTH LONGFELLOW 1807—1882

A Psalm of Life

Tell me not, in mournful numbers,
  Life is but an empty dream!—
For the soul is dead that slumbers
  And things are not what they seem.

Life is real! Life is earnest!
  And the grave is not its goal;
Dust thou art, to dust returnest,
  Was not spoken of the soul.

Not enjoyment, and not sorrow,
  Is our destined end or way;
But to act, that each to-morrow
  Find us farther than to-day.

Art is long, and Time is fleeting,
  And our hearts, though stout and brave,
Still, like muffled drums, are beating
  Funeral marches to the grave.

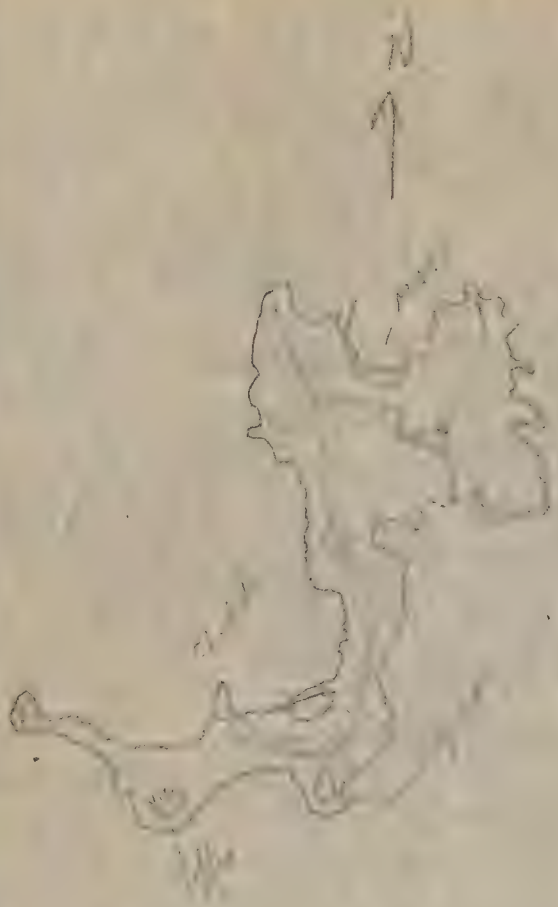
In the world's broad field of battle,
  In the bivouac of Life,
Be not like dumb, driven cattle!
  Be a hero in the strife!

Trust no Future, howe'er pleasant!
  Let the dead Past bury its dead!
Act,—act in the living Present!
  Heart within, and God o'erhead!

Lives of great men all remind us
  We can make our lives sublime,
And, departing, leave behind us
  Footprints on the sands of time;

Footprints, that perhaps another,
  Sailing o'er life's solemn main,
A forlorn and shipwrecked brother,
  Seeing, shall take heart again.

Let us, then, be up and doing,
  With a heart for any fate;
Still achieving, still pursuing,
  Learn to labor and to wait.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Hartford 3, Conn.	7-2621
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New London, Conn.	2-4465
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New York 1, N. Y. (For trains from Penna. Station)	PEnnsylvania 6-2000
Pittsfield, Mass.	8251
Providence, R. I.	DExter 7300
Springfield, Mass.	4-7341

In the GRAND CENTRAL ZONE . . . . .

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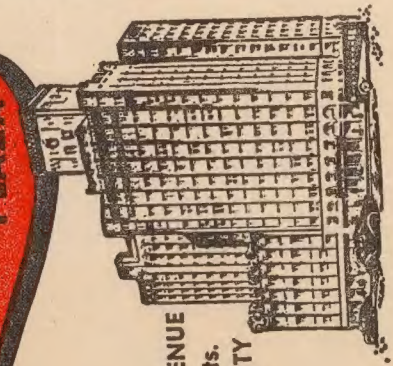

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